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Bid Package Breakdown

SUPPLEMENTAL INFORMATION

For Specialty Contractor

BP #: 16

Date: March 26, 2015

BP Name: Facilities Trash Chutes

Bid Package Description: Custom Fabricate and Install Facilities Trash Chutes

Bid Package Value:

Specific Requirements and Scope:

This scope includes the specialized trade of custom fabrication and installation of the Facilities Trash Chutes. The firms bidding this work as a Prime will be a Highly Specialized Contractor with the necessary experience to provide this type work.

Specific Skills Required:

Bidder must have sufficient experience in this type of work as proven in comparable projects. Bidder must be familiar with fast track performance of project and understand that the design is ongoing. Bidder must have the financial capability to have the funds available to handle the project due to the fast track nature.

Risks Associated with this Package:

Work must be completed within the time frames established so as to not hold up the other trades.

Firms must have a good safety record.

Experience and Licenses Required:

Subcontractor must have 5 years of experience with successful fabrication/installation of projects of similar scale and complexity with a successful performance.

Schedule/Performance and Manpower Requirements:

Contractor must have the manpower capability to adhere to the fast track schedule while maintaining high quality work.

Subcontractor must have the manpower available to perform this work in the time frame allotted in this fast pace project.

Insurance Required:



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Subcontractor must be able to be enrolled in an OCIP program or be able to provide insurance limits of the project.

General Liability insurance will be required. (\$5M per occurrence)

Bonding required:

A 100% Payment and Performance Bond will be required (from an A rated size VIII or better).

Contracting Required:

Bidder must be able to execute the Hunt Subcontractor Agreement.

Bidder must have home office support that can maintain reporting requirements of the Construction Manager (SBD, CWP, Safety)

Bidder must have a clean record with regards to legal claims.

Programs Required:

SBD (CSBE) and CWP

The Stadium aspires to have at least 70% of the project's workers be residents of Miami-Dade County, 20% of which are from the County's Community Development Block Grant (CDBG) eligible areas.

The Stadium also aspires to hire a minimum of 10% of the project's workers from Miami – Gardens. Labor residing in zip codes 33056, 33055, 33054, 33169 and 33014 should be given first preference for hire.

The project also aspires to utilize as many local firms as reasonably practical and aspires to have at least 35% of the firms hired as subcontractors be firms located within Miami-Dade County.

Attachment II

BP 016 Subcontractor's Scope of Work of Work

A. General Description of the Scope of Work:

Subcontractor shall perform the Subcontract Work generally described below (and as further described in the Contract Documents) to provide the following:

BP 016 Facilities Trash Chutes:

The intent of this Attachment II is to describe and clarify the Work required under this Agreement. It is the responsibility of this Subcontractor to provide the Masonry Work associated with the Miami Dolphins Stadium Renovations project in accordance with the Contract Documents and as described below.

B. Payment and Performance Bonds:

Bonds will be required: Yes No

Bonds will be furnished in accordance with the provisions of Attachment VI.

C. Specific Requirements:

1. Subcontractor shall provide (furnish and install) all Work described by the following specification sections necessary for the proper completion of this Scope of Work as further clarified by this Attachment II:
 - Division 01 All Sections
 - Division 03 All Sections
 - 05 50 00 Metal Fabrications
 - 06 10 00 Rough Carpentry (As Applicable)
 - 07 92 00 Joint Sealants (As Applicable)
 - Division 08 Access Doors & Hardware
 - 14 91 00 Facility Trash Chutes
 - Division 22 Water Service Connections to Flushing & Sanitizing Units
2. Subcontractor shall, without limitation, furnish and install, materials, labor, supervision, services, survey, layout, field measurements, tools, equipment, supplies, fuel, transportation, installation, applicable taxes, insurance, permits, temporary facilities, clean-up, etc. and all items or services of any kind whatsoever necessary to fully perform and complete Subcontractor's Work. Subcontractor shall pay for all costs of the performance of all its obligations under the Contract, even if those costs exceed the Subcontract Price.
3. Subcontractor shall provide Services for a Complete Trash Chute System Design and Installation that is easily assembled and repaired when Chute sections get damaged, utilizing a bolted assembly. Complete system shall be a delegated design for engineered solution for the locations indicated in the Contract Documents.

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4. Subcontractor shall provide Product data for each type of products indicated, including construction details, materials descriptions, dimensions of individual components and profiles and finishes for Trash Chutes as defined in the Contract Documents.
5. Subcontractor shall provide Shop Drawings including plans, elevations, sections, details, weights, operational clearances and attachments to other work. Indicate method of field assembly as defined in Contract Documents.
6. Subcontractor shall Design, as required, including comprehensive engineering analysis by a qualified professional engineer (in State of Florida) (Professional Liability insurance is required from the Engineer; refer to Attachment V - Insurance Requirements), using performance requirements and design criteria indicated.
7. Subcontractor provided Design shall incorporate all loose erection hardware and support framing necessary for anchorage and support to the structure as required by Contract Documents and for complete installation of work.
8. Subcontractor shall provide submittals, design drawings, and structure calculations, as required, signed and sealed by Professional Engineer registered in the State of Florida.
9. Subcontractor shall obtain a Professional Liability Insurance that shall be provided in accordance with Attachment V as required in the contract documents.
10. Subcontractor shall Utilize Products from these Manufacturers Approved Manufacturers only, subject to compliance with requirements, provide products Wilkinson High Rise LLC Trash Chute for Exterior Exposed Installation or a Comparable approved product by one of the Following: American Chute Systems, Inc., Chutes International, Midland Chutes, U.S. Chutes, Valiant Products, Inc., and Western Chutes: Division of Buchanan Company, Inc. as indicated by the Contract Documents.
11. Subcontractor shall furnish and install all (3'-0") Diameter S/S Trash Chutes Systems at all areas indicated by the Contract Documents. (i.e.: A-1/ A590)
12. Subcontractor shall furnish and install External Reinforcing for Offsets to be an additional 0.11" thick chute metal with Bracing to Structure unless greater thickness is required by engineered design as defined in the Contract Documents. (i.e.: 149100)
13. Subcontractor shall furnish and install all Factory assemble chutes to greatest extent practical with continuously welded or lock-seamed joints without bolts, rivets, or clips projecting on chute interior. Include intake door assemblies and metal supporting framing at each floor, and chute expansion joints between each support point as necessary &/or as defined in the Contract Documents.
14. Subcontractor shall Furnish and Install all Accessories to create complete Trash Chute System, including Flushing Spray Unit and Sanitizing Unit for all Typical Trash Chute Locations and as defined in the Contract Documents. (i.e.: 149100)

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15. Subcontractor shall utilize type 304 Stainless Steel ASTM A 240/A 240M x 0.075 inch thickness x 36" to manufacture all Trash Chutes and an additional 0.11 inch thick External reinforcing offsets for bracing to structures unless greater thickness is required by engineered design as necessary for a complete installation as defined in the Contract Documents.
16. Subcontractor shall supply and install all Intake Door assemblies ASTM A 240/A 240M, type 304 stainless-steel, self-closing units with positive latch and latch handle: as required to provide fire protection ratings indicated and with frame suitable for enclosing chase construction as defined in the Contract Documents.
17. Subcontractor shall supply and install Doors that are Hopper Style, standard door type, chute type and diameter indicated with a standard satin or No.3 directional polish, and include T-Handle-type cylinder locks that releases the latch with key that is removable only when cylinder is locked as defined in the Contract Documents.
18. Subcontractor shall supply and install all rubber-backed baffles at each intake where recommended by the Chute manufacturer as defined in the Contract Documents.
19. Subcontractor shall supply and install Discharge-Door Assemblies that are aluminum coated steel with direct vertical discharge, and horizontally closing and latching - constructed as required for performance requirements indicated and equipped with 165 degree F fusible links that cause doors to close in the event of a fire as defined in the Contract Documents.
20. Subcontractor shall furnish a Manual Control System with manual switches that lock doors of chute during shutdown hours and service operations as defined in the Contract Documents.
21. Subcontractor shall install all plumbing and electrical components to ensure that all Trash Chutes are installed as complete and correct systems which includes but is not limited to electrical connections, plumbing connections to sprinklers and flushing systems as required, Suspension System, Operators and any and all Accessories for the Chutes to be fully functional as defined in the Contract Documents.
22. Subcontractor shall ensure that Trash Chutes are fabricated with access for maintain equipment located within the chute, such as flushing and sanitizing units, fire sprinklers, plumbing and electrical connections as defined in the Contract Documents.
23. Subcontractor is responsible to provide all items included in this scope, in accordance with all applicable codes, jurisdictional requirements, including NOA and ADA requirements.
24. Subcontractor shall ensure that the Trash Chutes and Operating Systems are supplied and installed as per the Specifications and comply with NFPA 82 requirements and with Chute Manufacturers written instructions as defined in the Contract Documents.
25. Subcontractor shall Install chutes plumb, without offsets or obstructions that might prevent materials from free falling within chutes. All Intake and Discharge Doors with throat sections will need to coordinate installation of foot-pedal door operator with installation of door and enclosing chase, and interconnecting sanitizer control with door interlock systems to ensure sections of chutes are safe, snag-resistant, and sanitary depositing of materials as required for a

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complete and functioning installation of this subcontractor's scope of work as defined in the contract documents.

26. Subcontractor shall Test chute components after installation. Operate doors, locks, and interlock systems to demonstrate that hardware is adjusted and electrical wiring is connected correctly. Complete test operations before installing chase enclosures of this subcontractor's scope of work as defined in the Contract Documents.
27. Subcontractor shall Operate sanitizing unit thru one complete cycle of Chute use and cleanup, and replenish chemicals or cleaning fluids in unit container as defined in the Contract Documents.
28. Subcontractor shall completely clean Chase enclosure and exposed surfaces, do not remove labels of independent testing and inspection agencies as defined in the Contract Documents.
29. Subcontractor shall provide all necessary information for proper coordination of all rough-in (i.e. blocking, steel, electrical, data, etc.), openings, support framing and other preparatory work necessary for a complete and proper installation. Subcontractor is to provide a schedule, for coordination purposes.
30. Subcontractor shall coordinate locations of its scope items with other work so as to avoid interferences and ensure proper operation and servicing of units.
31. Subcontractor shall provide any necessary adjustments and/or final adjustments as required to ensure optimum function of its components.
32. Subcontractor shall turn over all keys upon request by the construction manager.
33. Subcontractor shall provide Warranty's & Operating Manuals upon request by the construction manager.
34. Subcontractor shall provide any necessary touch-up of finishes prior to acceptance of the work.
35. Subcontractor shall provide Quality Assurance Guidelines are followed on all Electrical Components, Devices and Accessories: Listed and labeled and defined in NFPS 82 by a qualified testing agency. that the Trash Chutes and Operating Systems are supplied and installed as per the Specifications and comply with NFPA 82 requirements and with Chute Manufacturers written instructions as defined in the Contract Documents.
36. Subcontractor shall provide Certificates for each type of Trash Chute from the manufacturer as indicated in the contract documents (i.e.: 149100)
37. Subcontractor shall provide operations and maintenance data; including maintenance manuals that need to include manufacturer's recycling plan guidelines as indicated in the contract documents.